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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ray H. Pettit
Serial No: 09/785,624
Filed: 16 February 2001
Art Unit: ---
Examiner: ---
For: FREQUENCY SYNCHRONIZER

RECEIVED

APR 12 2001

Preliminary Amendment

Technology Center 2600

3 April 2001

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Entry of the amendment presented below is requested.

In the Specification

Please amend the Specification as follows:

Please replace the paragraph at page 3, lines 1-12 with the following:

A¹
An existing system for which better synchronizers are desirable is a special version of CPM known as dual-h, 4-ary, full-response. The meaning of these terms follows from the mathematical model of a signal having the specified CPM waveform, $s(t)$, given below.

$$s(t) = \sqrt{\frac{2E_s}{T}} e^{j\psi(t, \alpha)}$$

I hereby certify that this correspondence is being deposited with the U. S. Postal Service as first class mail in an envelope addressed to:
Commissioner of Patents and Trademarks
Washington, D. C. 20231 on 04/04/01
Date
Ruth Swisher 04/04/01
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